

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
SOLID WASTE ADVISORY COMMITTEE MEETING

Tuesday, February 24, 2015
MAG Office Building
Phoenix, Arizona

MEMBERS ATTENDING

Ramona Simpson, Queen Creek, Chair	Richard Allen, Salt River Pima-Maricopa
Rhonda Humbles, Peoria, Vice Chair	Indian Community
Javier Machuca for Cindy Blackmore, Avondale	Manuel Castillo, Scottsdale
John Minear, Buckeye	Christina Betz for Surprise
# Sheree Sepulveda, Chandler	Tony Miano, Tempe
Robert Senita, El Mirage	* Helen Heiden, Arizona Chamber of
* Steven Pietrzykowsky, Gilbert	Commerce and Industry
Ernie Ruiz for Glendale	Robin Thomas, Arizona Department of
Willy Elizondo, Goodyear	Environmental Quality
* Chuck Ransom, Litchfield Park	* Jill Bernstein, Keep Arizona Beautiful
Patrick Murphy, Mesa	Brian Kehoe, Maricopa County
* Jerry Cooper, Paradise Valley	Wendy Crites, Salt River Project
Ginger Spencer, Phoenix	Chris Coyle, Arizona Forward

*Those members neither present nor represented by proxy.

#Attended by telephone conference call.

+Participated via video conference call.

OTHERS PRESENT

Julie Hoffman, Maricopa Association of Governments	Merry Holmgren, Maricopa Association of Governments
Kara Johnson, Maricopa Association of Governments	Susan Avans, City of Buckeye
Scott Wilken, Maricopa Association of Governments	Nancy Nesky, Arizona Public Service
	Frank Moreno, City of Scottsdale

1. Call to Order

A meeting of the MAG Solid Waste Advisory Committee (SWAC) was conducted on Tuesday, February 24, 2015. Ramona Simpson, Town of Queen Creek, Chair, called the meeting to order at approximately 10:00 a.m. Sheree Sepulveda, City of Chandler, attended the meeting via telephone conference call. Chair Simpson encouraged Committee members to speak into the microphones so that the audience and teleconferencing members can hear.

Julie Hoffman, Maricopa Association of Governments, indicated that the MAG Regional Council has approved revisions to the MAG Committee Operating Policies and Procedures that include a change to quorum requirements. The language was provided at Committee member places. Ms. Hoffman stated that if a member agency is absent for three consecutive meetings, that member shall no longer be considered a member for purposes of calculating the number constituting a quorum. She noted that at such a time as the member does attend a meeting, that person will immediately again be considered a member for purposes of calculating the quorum. In no event may the quorum consist of less than one-third of the voting members of the Committee. Ms. Hoffman indicated that this revision was approved by the MAG Regional Council on August 21, 2013 and this is now the fourth Committee meeting since that date.

Chair Simpson indicated that copies of the handouts for the meeting are available. She noted for members attending through audio conference, the presentations for the meeting will be posted on the MAG website under Resources for the Committee agenda, whenever possible. If it is not possible to post them before the meeting, they will be posted after the meeting.

2. Call to the Audience

Chair Simpson provided an opportunity for members of the public to address the Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG or items on the agenda for discussion, but not for action. She noted that according to the MAG public comment process, members of the audience who wish to speak are requested to fill out comment cards, which are available on the tables adjacent to the doorways inside the meeting room. Citizens are asked not to exceed a three minute time period for their comments. Chair Simpson noted that no public comment cards had been received.

3. Approval of the September 16, 2014 Meeting Minutes

The Committee reviewed the minutes from the September 16, 2014 meeting. Chris Coyle, Arizona Forward, requested that Valley Forward be updated to Arizona Forward in the minutes. Richard Allen, Salt River Pima-Maricopa Indian Community, moved, and John Minear, City of Buckeye, seconded and the motion to approve the September 16, 2014 meeting minutes with the correction carried unanimously.

4. MAG Online Map Viewer Websites

Scott Wilken, Maricopa Association of Governments, presented the MAG online map viewer websites. He indicated that he works in the MAG Information Services Division which maintains database information for modeling that is used for transportation, air quality, demographic projection modeling, and other areas. Mr. Wilken stated that MAG often receives requests for analysis regarding: census information, population projections, and employment data. He noted that MAG has now placed much of the data on the MAG website for anyone to access so that they may create maps, reports, and data analysis. MAG member agencies may still come to MAG directly for specific or involved data analysis.

Mr. Wilken indicated that he will demonstrate a few of the map viewers that are available on the MAG website at www.azmag.gov. There are eight interactive maps available with a description of each. Mr. Wilken stated that he will be demonstrating the demographic, employment, and projections map viewers. He mentioned the bikeways map viewer is a great mobile friendly resource for bicyclists.

Mr. Wilken presented the MAG regional demographic map viewer. He added that this map viewer is also mobile friendly, in that it can be accessed on a phone or tablet. The regional demographic viewer has information from the 2010 Census and the most recent five year average of the American Community Survey. The American Community Survey replaced the long form of the Census with a rolling survey. Mr. Wilken stated that the American Community Survey releases the most up-to-date data averages every Fall, which provides more robust information than solely population and housing counts.

Mr. Wilken demonstrated the map viewer's navigational controls. He indicated that the following categories are listed on the left side: population; people per square mile; minority population; age; race; ethnicity; household income; poverty; educational attainment; and housing. The data on the map is shown in block group which is the most common way to display census information. Mr. Wilken noted that this map viewer is for Maricopa County and Pinal County. The map data can also be displayed in varying or divergent colors under the advanced map options. The data, by default, is broken into five groups, however you can choose any number of breaks between three and eleven. Mr. Wilken added that the viewer will pick the natural breaks in the data by default, however it can be also be changed to equal intervals, quantile, or set to a custom range. He explained that once a map has been created it can be exported and printed on varying paper sizes with a customizable title and notes. The maps are exported into a PDF that can then be used in a variety of ways.

Mr. Wilken continued his demonstration on the demographic map viewer. He indicated that in addition to mapping, the map viewer also has report functionality. Summary reports can be created for: county; city/town; council district; supervisory district; custom; or advanced queries. With each report, the source of where the information came from is located at the bottom. Mr. Wilken stated that all of the reports and charts in the report can be exported into Microsoft Excel. He explained that custom comparisons can be made for each summary report. Mr. Wilken demonstrated that summary reports can be created for specific block groups or specific areas on the map by drawing a customized shape on the map. When hovering over lines in a summary it will highlight the particular block group to which it applies. Mr. Wilken explained that an advanced query can be made that will highlight block groups that match the criteria. He noted there is also the option to add aerial photos on the maps. Mr. Wilken stated that track numbers may also be turned on for searches that require track numbers, such as grant applications. In addition, legends can be minimized and brought back through the buttons on the top right.

Mr. Wilken stated that a state demographic map viewer was created for the Arizona Councils of Governments and Metropolitan Planning Organization Directors. He indicated that this viewer is very similar to the region demographic map viewer, however it displays information for the state. Two summary topics were also added to this map viewer: legislative and congressional districts. In addition, county and city/town information was expanded to include the entire state.

Mr. Wilken demonstrated the employment map viewer. He stated that the map viewer includes all employment information from the MAG employer database that is updated annually. All employers that have five or more employees are included. Jobs are divided into clusters, which are sometimes then divided into sub-clusters. Definitions are provided for all of the clusters and sub-clusters that can be displayed by total employment or employment density. Employment density is employees per square mile. The employment map viewer allows for summary reports to be created for: the region; city/town; job center; and an interactive summary. Job centers are areas that have a grouping of employers. Mr. Wilken indicated that job centers provide a comprehensive analysis because they account for approximately 70-75 percent of employment in the region.

Mr. Wilken discussed the reports in the employment map viewer. He stated that within the summaries, the number of businesses and employees is provided for each cluster. In addition to cluster summary, there are summaries for: businesses by cluster; employees by cluster; largest employers; worker occupation; worker age; job center; and live/work commute maps. Mr. Wilken noted that the worker occupation and other information is provided by the Maricopa County Trip Reduction Program Survey. He reported on the commute maps that demonstrate where the workers in a job center live and commute from, but also where the jobs are for workers in a certain area.

Mr. Wilken demonstrated the projections map viewer. He reported that every three to five years the MAG Information Services Division produces long range projections for population, housing, and employment. The projections map viewer has valuable information on years 2010 and projections for 2020, 2030, and 2040. This map viewer includes: total population, household population, households, dwelling units, and total employment in both counts and densities. Mr. Wilken mentioned that this map viewer is not as advanced as some of the other viewers, however reporting and mapping are also available in the projections map viewer.

Mr. Wilken indicated that two hour, hands-on training sessions are available on the demographic and employment map viewers. He stated that anyone interested in the training sessions or an on-site demonstration can contact MAG staff.

Chair Simpson thanked Mr. Wilken for the demonstration.

5. Household Hazardous Waste Survey Results

Ms. Hoffman provided an overview of the Household Hazardous Waste (HHW) Survey results. She stated that the Committee has previously discussed challenges and potential opportunities with regard to HHW. At the September meeting, the Committee expressed interest in collecting information on HHW programs to assist the MAG member agencies in addressing the challenges and opportunities, but to also gain a regional perspective of household hazardous waste services offered in the region. On December 18, 2014, a survey was distributed to the MAG member agencies. Ms. Hoffman noted that the results of the HHW survey are provided at each place. She indicated that the responses are categorized by jurisdiction while still providing a regional perspective on HHW services offered in the region.

Ms. Hoffman discussed the HHW survey. She noted that the survey questions were provided by the Committee. The categories included: HHW contracts; collection; permanent HHW facilities; HHW events; fees; partnerships; education/outreach and funding. Ms. Hoffman indicated that based on the survey results, HHW collection/disposal contracts and vendors, as well as the terms of the contracts vary across the region. She noted that the materials collected did not vary widely. Ms. Hoffman discussed the information provided on separate disposal contracts for electronics, appliances, and used tires. With regard to HHW facilities, there are a few permanent facilities in the region. Most jurisdictions, however, do not have a permanent facility and offer HHW events for their residents. These events vary in terms of frequency and how they are operated. She noted that the survey also asked if there was interest in opening a permanent facility in the communities that did not have such a facility. There was some interest.

Ms. Hoffman discussed that based on the survey results, some communities inform residents that they may contact private vendors for individual HHW disposal between events. However, a response indicated that in one case, a vendor has discouraged individual HHW disposal because the vendor does not want to hold small quantities until the materials can be taken away.

Ms. Hoffman continued the overview of the HHW survey results. She indicated that there are not many separate fees associated with HHW programs; most costs are included in the monthly residential solid waste fee. Ms. Hoffman reported that current and previous public/private partnerships were included in the results. There is an Intergovernmental Agreement (IGA) between some West Valley communities to join resources for joint HHW events, as well as, an IGA in the East Valley for the residents of Queen Creek to use the Gilbert permanent HHW facility. With regard to educational and outreach efforts, communities utilize a variety of methods such as: websites; social media; brochures; community events; e-newsletters; utility inserts; flyers; and others. Lastly, the survey responses did not identify any current funding opportunities, however, it was noted that opportunities were available in the past.

Ms. Hoffman thanked the MAG member agencies for their participation. She noted that this is a resource for the region. Chair Simpson stated that the HHW survey results are also available electronically on the MAG website. She mentioned that the collected HHW information can now be used to determine regionally collaborative opportunities for both communities with close proximity, but also for opportunities on a larger scale.

Brian Kehoe, Maricopa County, inquired about vendors discouraging individual, residential HHW disposal. Ms. Hoffman replied that a respondent to the survey indicated that one vendor has discouraged individual drop-off between events. She indicated that communities may want to contact the vendors with regard to their policy on individual residential HHW disposal between events.

Mr. Coyle asked about investigating free public resources and stores that may offer HHW collection for individual drop off. Wendy Crites, Arizona Public Service, indicated that Earth911 has free recycling and HHW disposal information for the public.

Patrick Murphy, City of Mesa, inquired about HHW being a future agenda item. Mr. Murphy commented that he is interested in discussing regional opportunities for collection/disposal contracts and permanent HHW facilities. Chair Simpson indicated that HHW collaboration opportunities can be discussed in a future agenda. She thanked MAG staff for coordinating the HHW survey and mentioned that she hopes it results in regional collaboration on HHW.

Tony Miano, City of Tempe, mentioned gathering regional information on what material is collected and how much. He indicated that a list of the materials collected and the amount would provide a better understanding of what communities and vendors are collecting to foster a regional collaboration.

6. Promotional Products Request for Proposals

Chair Simpson presented the Promotional Products Request for Proposals (RFP). She indicated that this effort was coordinated by six East Valley cities and towns for recycling specific and general promotional products to be used at education and outreach events. She noted that information is provided at each place. Chair Simpson indicated that many communities utilize environmental promotional items for giveaways at community events and education/outreach efforts for environmental topics such as recycling and water conservation. She stated that five proposals were submitted and two of the proposals were awarded: BC Graphics, Inc. and Brite Innovations. Chair Simpson mentioned that the contract for Brite Innovations may be modified due to a change in leadership. Promotional products ordered can be for any community department or outreach, for

example: fire education materials; police outreach; economic development; marketing; or any other governmental department that could utilize promotional products.

Chair Simpson discussed the contract. She stated that the contract includes cooperative language in that other entities may utilize the contract outside the municipalities included in the RFP. Chair Simpson indicated that a big benefit is that if multiple communities place orders for similar products, a lower rate is provided for ordering in bulk. She encouraged the jurisdictions to keep this in mind when ordering promotional products.

Mr. Minear inquired how the communities are coordinating their orders. Chair Simpson replied that because the contract was late in the year, the municipalities have simply sent emails or called to see if any one is placing an order or may be interested in the items they are ordering. She stated that ordering is also discussed at the East Valley Cities meetings; she indicated that ordering will likely be organized in the next fiscal year. The information provided is to let other communities know that this cooperative contract is available.

Mr. Allen asked if the name/logo on the promotional products have to match in the bulk orders. Chair Simpson responded that the logos or language do not need to match. She indicated that there is a one time set-up fee for logos, however the logos or language do not need to match to receive the lower rate for bulk items. Chair Simpson noted that the purpose for the RFP was that, previously many communities spent a lot of time researching the best prices for the highest quality promotional products. She commented that the cooperative contract was a time-saving solution. She mentioned that if anyone has questions on purchasing, the Queen Creek Purchasing Department can help answer questions on the contract.

Mr. Allen suggested an email contact list that can be utilized during ordering. Chair Simpson commented that an alert email is a good idea. She noted that there is specified pricing for frequently ordered items, however anything can be ordered from the catalogues. Chair Simpson added that discounts may occur on items in the catalogue, not listed in the contract, due to the use of a cooperative contract.

Mr. Minear asked for the contact information of the Queen Creek Purchasing Department. Chair Simpson responded that she would send out the contact information and that the department can answer any questions.

Ginger Spencer, City of Phoenix, commented that the cooperative contract is a good use of regional collaboration. She inquired if the 50,000 maximum was for the whole cooperative contract or per city/town. Chair Simpson replied that the Queen Creek Council requires a not to exceed limit; the cooperative language allows for limits to be changed based on each municipality. She indicated that she will provide the contact information for the Purchasing Department to answer additional questions.

7. Call for Future Agenda Items

Chair Smith provided the opportunity for Committee members to suggest future agenda items.

Mr. Murphy stated that he is interested in discussing the following: regional opportunities for HHW collection/disposal contracts; regional approach to permanent HHW facilities; and opportunities for HHW public/private partnership. Chair Simpson added that there is also an interest in discussion

of an informal data collection on the amount of HHW material collected from events and facilities to aid in a discussion on regional opportunities.

Chair Simpson suggested a future agenda item on the regional green waste program coordinated by the City of Phoenix and Arizona State University's Resource Innovation Solutions Network (RISN).

Mr. Miano suggested a future agenda item on a regional IGA to borrow equipment and personnel in states of emergency. He stated that in a state of emergency, getting approval in a short amount of time is challenging. Mr. Miano indicated that the Committee could be a good forum to discuss the potential IGA. Chair Simpson inquired about what kind of equipment. Mr. Miano replied all types of equipment, such as: front-loaders, side-loaders, roll-offs, and any other applicable equipment. He mentioned a situation in Flagstaff where equipment caught fire and communities in the Valley sent equipment to help in the emergency.

Mr. Murphy also suggested a future agenda item on the variance requirement.

8. Comments from the Committee

Chair Simpson asked for any comments from the Committee.

Rhonda Humbles, City of Peoria, indicated that Peoria switched to same day collection for waste and recycling in the beginning of February 2015. She stated that she had spoken with many communities on same day collection for their feedback. Ms. Humbles reported that the residents of Peoria are doing well with the transition. She noted that Peoria is also looking into street placement of containers, which has been a challenge in higher population and dense neighborhoods since homes are close together. Peoria is focusing on talking with residents on the placement of containers issue to open the sidewalks and provide for a better sense of community.

Ms. Spencer stated that she is the new Assistant Public Works Director, overseeing the Solid Waste Division. She reported that participation is currently low in the City's modified pay-as-you-throw program, that began July 2014, as well as the green organics program. Ms. Spencer indicated that the Solid Waste Division will be bringing ideas before the Phoenix City Council on ways to increase the participation to achieve the 40 percent diversion goal by the year 2020. She added that Phoenix is also working on a compost facility that the City hopes to open in July 2016. Ms. Spencer mentioned that the composting pilot at the 27th Avenue Transfer Station aided in the Super Bowl Central effort that had recycling, composting, and garbage collection. She reported that this was the City's first large scale event and they had a 73 percent diversion rate. Ms. Spencer indicated that Phoenix is working on many projects in partnership with Arizona State University's RISN, including green organics.

Javier Machuca, City of Avondale, discussed that Avondale is working on their Green Waste Program. He indicated that the Avondale City Council approved the program to be a permanent service. Mr. Machuca commented that the biggest challenge with the program is the proper separation of the green waste from the bulk trash, however the inspectors are educating residents. Mr. Machuca stated that the program is going well and that the residents seem receptive to the new program. The material is taken to the Duncan Farms compost site.

Chair Simpson inquired if a container is used for green waste or if the material is bulky green waste separated from the bulk trash. Mr. Machuca replied that the green waste is accepted as part of the bulk trash pickup, a separate truck collects the green waste that has been separated. He stated that

the bulk trash and the green waste truck route will start at the same time, however the green waste truck will generally get ahead of schedule from the bulk trash truck. Mr. Machuca commented that this created some confusion at first for residents, however education has aided any confusion.

Mr. Kehoe indicated that Maricopa County is also involved with RISN. He added that the County is investigating projects for closed landfills, as well as, embarking on a solar feasibility study for the installation of solar energy panels at closed landfills. Mr. Kehoe stated that the County will be working with local communities on closed landfill projects that will provide a benefit. He added that the County does not operate any active landfills, however maintains approximately 11 closed landfills.

Mr. Murphy stated that Mesa is also working with RISN. He added that Mesa is beginning work on a pilot program for front-load co-mingled recycling. Mr. Murphy noted that the City is also hosting the Solid Waste Association of North America (SWANA) ROAD-E-O on April 18, 2015.

Chair Simpson asked about the front-load co-mingled recycling. Mr. Murphy responded that the pilot program will include approximately 20 businesses and one apartment complex. Chair Simpson noted that one challenge with front-load service is that there are not two sites or adequate space for a recycling focus at commercial and multi-family properties. She indicated that this is an issue to be brought up to planners, so that they can include two spots for front-load service. Mr. Murphy mentioned that this can be an issue with existing properties.

Ms. Sepulveda inquired if Queen Creek was working with planners who would then work with developers on the issue of space for front-load recycling service. Chair Simpson responded that she would like to speak with planners and developers on this issue. She added that if any other community has had success on this issue, she is interested in feedback.

Mr. Miano reported that the City of Phoenix provides resources on multi-family properties in which it is mandatory for both a refuse and recycling location in Phoenix. He indicated that this resource also aids with in-fill development to implement recycling.

Mr. Murphy replied that he has worked with the planning department to educate them on front-load and recycling service. He indicated that he used to work with economic development, however since switching to solid waste he educates planners on the benefits and necessary planning for recycling and front-load service. Mr. Murphy commented on a project with RISN with regard to recycling efforts for multi-family residences.

Manuel Castillo, City of Scottsdale, indicated that Scottsdale is replacing their April HHW event with a pilot project of HHW home collection that will begin in March. He stated that the pilot program is planning approximately 200 appointments over four months. Chair Simpson inquired about the pilot project. Mr. Castillo replied that the project will set up appointments for the end of the month in which residents are given a maximum amount of material that can be collected during the appointment. He commented that residents are showing an interest in the pilot project. Chair Simpson noted that the Committee looks forward to hearing Scottsdale's results with the project.

Ernie Ruiz, City of Glendale, stated that the City broke ground on the Scale House Relocation Project, where the entrance to the Glendale Landfill will be renovated. He indicated that Glendale has a contract manager that has created a good routing plan so that there is minimal impact to traffic flow and operations.

Mr. Miano indicated that Tempe will be filling the Diversion Coordinator position that has been vacant. He discussed that the City is also processing its third batch of compost. Mr. Miano mentioned that he is currently communicating with the Parks Department to work on an arrangement where they can utilize the compost.

Christina Betz, City of Surprise, discussed that she recently made the transition from the City of Glendale to the City of Surprise. She indicated that Surprise will be implementing front-load service to targeted businesses, multi-family residences, and public facilities that the City will look to grow in the future. Ms. Betz stated that the City recently found the MAG employment and demographic map viewers to be a valuable tool for its solid waste projects. She added that the American Public Works Association Conference will take place in August and that the SWANA annual ROAD-E-O is in April. The international SWANA ROAD-E-O will also take place in Arizona in October. Ms. Betz commented that she is encouraging her staff to be involved in these events.

Mr. Minear indicated that Buckeye has entered into the third quarter of its Green Waste Recycling Program. He commented that participation in the program could be higher. Mr. Minear stated that the program currently has a cost of approximately \$200 per ton and approximately 130 tons have been collected. He noted that this could be either an education issue or that many residents use landscaping companies. Mr. Minear stated that it is a program that Buckeye will continue to evaluate. He mentioned that the City is also investigating sharps disposal methods and Buckeye would be interested in feedback from other communities that may have a sharps program.

Mr. Minear asked about how much Tempe is charging for compost. Mr. Miano responded that the compost is currently available at no charge. He added that if the program is processing compost at or below the landfill rate, the City is breaking even on cost. Mr. Miano indicated that he is looking for a supervisor that will be managing the Green Organics Program in which Tempe would be interested in selling the compost. Mr. Minear stated that Buckeye provides its green material to Duncan Farms who utilizes the compost internally. He mentioned that the City may be interested in the compost. Mr. Miano noted that Tempe residents and other organizations come to the City for the compost produced.

Mr. Allen stated that Salt River Pima-Maricopa Indian Community will be participating in the SWANA ROAD-E-O on April 18, 2015. Additionally, on April 18th, the Community is hosting an Earth Day event and HHW collection will likely be available at the event. Mr. Allen indicated that SWANA is holding a meeting in Gilbert on Friday, February 27, 2015 for anyone interested in attending.

Ms. Sepulveda discussed that Chandler is in progress on its annual environmental art contest for public, private, and charter schools in the City. The awards will take place on Earth Day in April. She stated that the City is also working on a project to convert pumps at the landfill to solar energy pumps.

Chair Simpson indicated that Right Away Disposal (RAD) recently opened a landfill in Eloy and Queen Creek, Phoenix, and Arizona State University will be working with RAD on a project to dedicate some of the new space to a compost facility. Queen Creek has also been working on a project with East Valley Cities, Bashas', and Trex called 'Bench the Bag'. Students at local, participating schools collect plastic bags for recycling. All participating schools will receive a planter box and a tree and the winning school will win a park bench that is made from plastic recycled material. Chair Simpson stated that the communities collect the bags and Bashas' weighs, bales, and recycles the bags. She noted that the purpose of the project is to create awareness on

where residents may recycle plastic bags and provide education to not put the bags in home recycling containers.

Chair Simpson indicated that the next Committee meeting is tentatively schedule for May 19, 2015. With no further comments, she thanked the Committee for participating and called for adjournment of the meeting at approximately 11:20 a.m.